

Translation

PATENT COOPERATION TREATY

PCT/EP2003/009663



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 8384	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/EP2003/009663	International filing date (<i>day/month/year</i>) 29 August 2003 (29.08.2003)	Priority date (<i>day/month/year</i>) 13 September 2002 (13.09.2002)
International Patent Classification (IPC) or national classification and IPC B05C 11/10		
Applicant WINDMÖLLER & HÖLSCHER KG		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

☒ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 8 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 11 December 2003 (11.12.2003)	Date of completion of this report 14 December 2004 (14.12.2004)
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/EP2003/009663

I. Basis of the report

1. With regard to the elements of the international application:*

- ☐ the international application as originally filed
- ☒ the description:
 pages 1-17, as originally filed
 pages, filed with the demand
 pages, filed with the letter of
- ☒ the claims:
 pages, as originally filed
 pages, as amended (together with any statement under Article 19
 pages, filed with the demand
 pages 1-34, filed with the letter of 09 November 2004 (09.11.2004)
- ☒ the drawings:
 pages 1/9-9/9, as originally filed
 pages, filed with the demand
 pages, filed with the letter of
- ☐ the sequence listing part of the description:
 pages, as originally filed
 pages, filed with the demand
 pages, filed with the letter of

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/fig

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/EP 03/09663

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-34	YES
	Claims		NO
Inventive step (IS)	Claims	13-21	YES
	Claims	1-12, 22-34	NO
Industrial applicability (IA)	Claims	1-34	YES
	Claims		NO

2. Citations and explanations

1. Reference is made to the following documents:

D1: DE 35 06 393 A
D2: DE 11 07 062 B
D3: DE 100 53 064 A
D4: US 2002/079327

2.1 D1 describes a "glue application device, for example in a bottom folding device for crossbottom paper sacks" (page 1, second paragraph) as defined in the preamble of claim 1.

2.2 The objective problem is to achieve a more even and therefore more extensive application of glue.

2.3 D3 describes a glue application head, such as could also be used in D1. If a person skilled in the art wishes to apply the glue traces described in D1 over more of the surface area, the glue application head in D3 is an obvious choice since, as stated in the characterising part of claim 1, "more glue application openings (68) are provided as valves" (column 4, lines 64 to 65).

2.4 Proceeding from D1, therefore, a glue application head as defined in D3 is obvious. Claim 1 is therefore not inventive (PCT Article 33(3)).

3. The additional features of claims 3 to 8, 11, 12, 22 to 26, 29 and 33 are likewise to be found in D1. The features of claims 2, 9, 10, 27, 28, 30 to 32 and 34 are also considered to be generally known and, in combination with the preceding claims, are considered to be obvious (PCT Article 33(3)).